

PCSD Lesson Planning Template

| | | | | | | | |
|---|--|--|---|--|--|-----------------------------------|--|
| Grade Level: 9 th | | Teacher/Room: daniels / 214 | | Course(s)/ Period(s): Foundations of Algebra / 1 st | | Week of: March 27-31, 2017 | |
| Unit Vocabulary: No new terms | | | | | | | |
| Instructional Strategies Used: direct instruction, independent study, interactive instruction | | | | | | | |
| Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | | | |
| GSE/GPS Standard(s): MFAAA1 a-f | GSE/GPS Standard(s): MFAAA1 a-f | GSE/GPS Standard(s): MFAAA1 a-f | GSE/GPS Standard(s): MFAAA1 a-f | GSE/GPS Standard(s): MFAAA1 a-f | | | |
| Essential Question: Why is 2x the same as multiplication AND addition? | Essential Question: Why are Algebraic expressions important when they don't equal anything? | Essential Question: How are Order of Operations and combining like terms similar? | Essential Question: When does algebra help people? | Essential Question: Why are algebraic operations important? | | | |
| Mini Lesson: <ul style="list-style-type: none"> Warm-up Activating Strategies: <ul style="list-style-type: none"> Review questions and KWL Lesson: <ul style="list-style-type: none"> Combining Like terms Show that $3x + 2x = 5x$ Resource/Materials: <ul style="list-style-type: none"> Paper, computer, projector | Mini Lesson: <ul style="list-style-type: none"> Warm-up Activating Strategies: <ul style="list-style-type: none"> Review questions and KWL Lesson: <ul style="list-style-type: none"> Review verbal expressions and distributive property with Trashket Ball Resource/Materials: <ul style="list-style-type: none"> Paper, computer, projector | Mini Lesson: <ul style="list-style-type: none"> Warm-up Activating Strategies: <ul style="list-style-type: none"> Review questions and KWL Lesson: <ul style="list-style-type: none"> Review Order of Operations and combining like terms with Kahoot! Resource/Materials: <ul style="list-style-type: none"> Paper, computer, projector | Mini Lesson: <ul style="list-style-type: none"> Warm-up Activating Strategies: <ul style="list-style-type: none"> Review questions and KWL Lesson: <ul style="list-style-type: none"> Quiz Algebraic expressions Introduce 1 step equations. Resource/Materials: <ul style="list-style-type: none"> Paper, computer, projector | Mini Lesson: <ul style="list-style-type: none"> Warm-up Activating Strategies: <ul style="list-style-type: none"> Review questions and KWL Lesson: <ul style="list-style-type: none"> i-Ready on the computer. Resource/Materials: <ul style="list-style-type: none"> Paper, computer, projector | | | |
| Differentiation: Content/Process/Product: <ul style="list-style-type: none"> Content Grouping Strategy: <ul style="list-style-type: none"> Small group and individual assistance Assessment: <ul style="list-style-type: none"> IEP and formative assessments | Differentiation: Content/Process/Product: <ul style="list-style-type: none"> Content Grouping Strategy: <ul style="list-style-type: none"> Small group and individual assistance Assessment: <ul style="list-style-type: none"> IEP and formative assessments | Differentiation: Content/Process/Product: <ul style="list-style-type: none"> Content Grouping Strategy: <ul style="list-style-type: none"> Small group and individual assistance Assessment: <ul style="list-style-type: none"> IEP and formative assessments | Differentiation: Content/Process/Product: <ul style="list-style-type: none"> Content Grouping Strategy: <ul style="list-style-type: none"> Small group and individual assistance Assessment: <ul style="list-style-type: none"> IEP and formative assessments | Differentiation: Content/Process/Product: <ul style="list-style-type: none"> Content Grouping Strategy: <ul style="list-style-type: none"> Small group and individual assistance Assessment: <ul style="list-style-type: none"> IEP and formative assessments | | | |
| Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Formative:</i> <i>Summative:</i> Algebraic Review <i>Performance Based:</i> | Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Formative:</i> <i>Summative:</i> Algebraic Review <i>Performance Based:</i> | Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Formative:</i> <i>Summative:</i> Algebraic Review <i>Performance Based:</i> | Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Formative:</i> Algebraic Review <i>Summative:</i> Algebraic Expressions Quiz <i>Performance Based:</i> | Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Formative:</i> i-Ready <i>Summative:</i> <i>Performance Based:</i> | | | |
| Homework: Algebraic Review | Homework: NA | Homework: NA | Homework: NA | Homework: NA | | | |

Resources and Reflective Notes: All plans are subject to change due to the needs of the class.

PCSD Lesson Planning Template

| | | | | | | | |
|---|--|---|--|--|--|---|--|
| Grade Level: 11 th | | Teacher/Room: Pittman / 187 | | Course(s)/ Period(s): Algebra II / 2 nd | | Week of: March 27-31, 2017 | |
| Unit Vocabulary: Logarithm | | | | | | | |
| Instructional Strategies Used: direct instruction, independent study, interactive instruction | | | | | | | |
| Day 1 | | Day 2 | | Day 3 | | Day 4 | |
| GSE/GPS Standard(s): A.SSE.3, 3c F.IF. 7, 7e, 8, 8b | | GSE/GPS Standard(s): A.SSE.3, 3c F.IF. 7, 7e, 8, 8b | | GSE/GPS Standard(s): A.SSE.3, 3c F.IF. 7, 7e, 8, 8b | | GSE/GPS Standard(s): A.SSE.3, 3c F.IF. 7, 7e, 8, 8b | |
| Essential Question: Why are exponent equations needing a common base so important? | | Essential Question: How do Logs help exponent equations? | | Essential Question: How are exponents useful? | | Essential Question: Why would logs help exponents? | |
| Mini Lesson: <ul style="list-style-type: none">• Warm-up Activating Strategies: <ul style="list-style-type: none">• Review questions and KWL Lesson: <ul style="list-style-type: none">• Exponent Equations Practice Resource/Materials: <ul style="list-style-type: none">• Paper, computer, projector | | Mini Lesson: <ul style="list-style-type: none">• Warm-up Activating Strategies: <ul style="list-style-type: none">• Review questions and KWL Lesson: <ul style="list-style-type: none">• Introduce Logarithm and conversion. Resource/Materials: <ul style="list-style-type: none">• Paper, computer, projector | | Mini Lesson: <ul style="list-style-type: none">• Warm-up Activating Strategies: <ul style="list-style-type: none">• Review questions and KWL Lesson: <ul style="list-style-type: none">• Review Exponents and Logarithm Resource/Materials: <ul style="list-style-type: none">• Paper, computer, projector | | Mini Lesson: <ul style="list-style-type: none">• Warm-up Activating Strategies: <ul style="list-style-type: none">• Review questions and KWL Lesson: <ul style="list-style-type: none">• Quiz over Exponent rules, equations, and converting logs. Resource/Materials: <ul style="list-style-type: none">• Paper, computer, projector | |
| Differentiation: Content/Process/Product: <ul style="list-style-type: none">• Content Grouping Strategy: <ul style="list-style-type: none">• Small group and individual assistance Assessment: <ul style="list-style-type: none">• IEP and formative assessments | | Differentiation: Content/Process/Product: <ul style="list-style-type: none">• Content Grouping Strategy: <ul style="list-style-type: none">• Small group and individual assistance Assessment: <ul style="list-style-type: none">• IEP and formative assessments | | Differentiation: Content/Process/Product: <ul style="list-style-type: none">• Content Grouping Strategy: <ul style="list-style-type: none">• Small group and individual assistance Assessment: <ul style="list-style-type: none">• IEP and formative assessments | | Differentiation: Content/Process/Product: <ul style="list-style-type: none">• Content Grouping Strategy: <ul style="list-style-type: none">• Small group and individual assistance Assessment: <ul style="list-style-type: none">• IEP and formative assessments | |
| Assessment : Pre-Test: Post-Test: Formative: Exponent and Logs Review Summative: Performance Based: | | Assessment : Pre-Test: Post-Test: Formative: Exponent and Logs Review Summative: Performance Based: | | Assessment : Pre-Test: Post-Test: Formative: Exponent and Logs Review Summative: Performance Based: | | Assessment : Pre-Test: Post-Test: Formative: Exponent and Logs Review Summative: Exponent Quiz Performance Based: | |
| Homework: Exponent and Logs Review | | Homework: NA | | Homework: NA | | Homework: NA | |

Resources and Reflective Notes: All plans are subject to change due to the needs of the class.

PCSD Lesson Planning Template

| | | | | |
|---|--|--|---|---|
| Grade Level: 10 th | Teacher/Room: Pittman / 187 | Course(s)/ Period(s): Geometry / 3 rd | Week of: March 27-31, 2017 | |
| Unit Vocabulary: Cavaleri's principle | | | | |
| Instructional Strategies Used: direct instruction, independent study, interactive instruction | | | | |
| Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
| GSE/GPS Standard(s): G.GMD.1, 1a, 1b, 2, 3, 4 | GSE/GPS Standard(s): G.GMD.1, 1a, 1b, 2, 3, 4 | GSE/GPS Standard(s): G.GMD.1, 1a, 1b, 2, 3, 4 | GSE/GPS Standard(s): G.GMD.1, 1a, 1b, 2, 3, 4 | GSE/GPS Standard(s): G.GMD.1, 1a, 1b, 2, 3, 4 |
| Essential Question: Why do the volume of solids make a difference? | Essential Question: If the sold is irregular, how do you find the volume? | Essential Question: Why does volume apply to other careers? | Essential Question: When would we find volume? | Essential Question: How are geometric figures important? |
| Mini Lesson: <ul style="list-style-type: none">• Warm-up Activating Strategies: <ul style="list-style-type: none">• Review questions and KWL Lesson: <ul style="list-style-type: none">• Volume Practice• Discuss the importance of circlces. Resource/Materials: <ul style="list-style-type: none">• Paper, computer, projector | Mini Lesson: <ul style="list-style-type: none">• Warm-up Activating Strategies: <ul style="list-style-type: none">• Review questions and KWL Lesson: <ul style="list-style-type: none">• Introduce Cavaleri's principle and find volume for irregular shapes. Resource/Materials: <ul style="list-style-type: none">• Paper, computer, projector | Mini Lesson: <ul style="list-style-type: none">• Warm-up Activating Strategies: <ul style="list-style-type: none">• Review questions and KWL Lesson: <ul style="list-style-type: none">• Review for volume Quiz Resource/Materials: <ul style="list-style-type: none">• Paper, computer, projector | Mini Lesson: <ul style="list-style-type: none">• Warm-up Activating Strategies: <ul style="list-style-type: none">• Review questions and KWL Lesson: <ul style="list-style-type: none">• i-Ready on the computer Resource/Materials: <ul style="list-style-type: none">• Paper, computer, projector | |
| Differentiation: Content/Process/Product: <ul style="list-style-type: none">• Content Grouping Strategy: <ul style="list-style-type: none">• Small group and individual assistance Assessment: <ul style="list-style-type: none">• IEP and formative assessments | Differentiation: Content/Process/Product: <ul style="list-style-type: none">• Content Grouping Strategy: <ul style="list-style-type: none">• Small group and individual assistance Assessment: <ul style="list-style-type: none">• IEP and formative assessments | Differentiation: Content/Process/Product: <ul style="list-style-type: none">• Content Grouping Strategy: <ul style="list-style-type: none">• Small group and individual assistance Assessment: <ul style="list-style-type: none">• IEP and formative assessments | Differentiation: Content/Process/Product: <ul style="list-style-type: none">• Content Grouping Strategy: <ul style="list-style-type: none">• Small group and individual assistance Assessment: <ul style="list-style-type: none">• IEP and formative assessments | Differentiation: Content/Process/Product: <ul style="list-style-type: none">• Content Grouping Strategy: <ul style="list-style-type: none">• Small group and individual assistance Assessment: <ul style="list-style-type: none">• IEP and formative assessments |
| Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Formative:</i> Volume Review <i>Summative:</i> <i>Performance Based:</i> | Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Formative:</i> Volume Review <i>Summative:</i> <i>Performance Based:</i> | Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Formative:</i> Volume Review <i>Summative:</i> <i>Performance Based:</i> | Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Formative:</i> Volume Review <i>Summative:</i> <i>Performance Based:</i> | Assessment : <i>Pre-Test:</i> <i>Post-Test:</i> <i>Formative:</i> i-Ready computer <i>Summative:</i> <i>Performance Based:</i> |
| Homework: Volume Review | Homework: NA | Homework: NA | Homework: NA | Homework: NA |

Resources and Reflective Notes: All plans are subject to change due to the needs of the class.